PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known Application Number 10/705,582 Filing Date November 10, 2003 First Named Inventor McColgan Art Unit 3643 Examiner Name Swiatek, Robert Attorney Docket Number 67010-080;H2723-EC

Examiner	Cite No. ¹	Document Number	Publication Date	ation Date Name of Patentee or	Pages, Columns, Lines, Where	
Initials*		Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
RPS		^{US-} 5,133,194	07-28-1992	Army, Jr., et al.		
RPS		^{US-} 5,516,330	05-14-1996	Dechow, et al.		
RPS		^{US-} 5,634,964	06-03-1997	Army, Jr., et al.		
RPS		^{US-} 6,004,204	12-21-1999	Luxton, et al.		
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		FORE	IGN PATENT DOCL	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T6
RRS		GB 671 567 A	05-07-1952	Garrett Corp.		
RPS		WO 02/066324 A	08-29-2002	United Technologies		
RPS		EP 0 326 950 A	08-09-1989	Tempmaster Corp.		L
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Examiner Signature	Robert P. Swiatel	Date Considered	8-23-05

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE				Complete if Known			
				Application Number	10/705,582		
				Filing Date	11/10/2003		
STATEMENT BY APPLICANT		First Named Inventor	McColgan				
0.7	STATEMENT BY AFFEICANT			Group Art Unit	3643		
	(use as many sheets as necessary)		s as necessary)	Examiner Name	Swiatek, Robert P.		
Sheet 2 of 2		Attorney Docket Number	67,010-080/H2723-EC				

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
; Exeminer Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
RPS		PCT International Search Report, dated January 12, 2005	
	 		
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First Named Inventor	McColgan					
Art Unit	3643					
Examiner Name	Swiatek, Robert					
Attorney Docket Number	67010-080;H2723-EC					

			U. S. PATENT	DOCUMENTS	
Exeminer Initials*	Cite No 1	Document Number Number-Kind Code ² (//w=xr)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Ralevant Passages or Relevant Figures Appear
RPS		^{US-} 3,409,274	11/1968	Lawton Carl W.	
RPS_		^{US-} 2003/0080244	05/2003	Dionne, Luc	
RP5		us- 2002/0092948	07/2002	Dugan, John J.	
RPS .		^{US-} 6,308,914	10/2001	Spurway et al.	
RPS		^{US-} 3,974,646	08/1976	Markowski et al.	
RPS		^{US-} 3,749,336	07/1973	Christensen et al.	
RPS		^{US-} 6,389,826	05/2002	Buchholz et al.	
RPS		^{US-} 5,127,878	07/1992	Meckler, Gershon	
RPS		^{US-} 3,929,285	12/1975	Daugherty, Jr. Carl	
RPS		^{US-} 6,767,007	07/2004	Luman, Homer C.	
RPS		^{US-} 6,726,354	04/2004	Breuer et al.	
RPS		^{US-} 4,625,916	12/1986	Nieuwkamp et al.	
RPS		^{US-} 4,330,082	05/1982	Wilson, Wilfred w.	
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code ³ Number ⁴ Kind Code ³ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T,
RPS		FR 2 599 437	12/04/1987	Roy		
RPS		WO 01/11292	02/15/2001	Resaro AB		
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Date Considered 8-23-05

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